

## **Amendment to the Claims**

Please cancel claims 3 and 11-19, and amend claims 1, 2, 4, 6, 7 and 9 as shown in the following listing of claims. This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A method of producing a membrane for an electroacoustic transducer, wherein at least one liquid plastic ~~in particular a liquid plastic~~ with adhesive ~~properties~~ properties, is applied at least in part-areas of at least one surface of the membrane and wherein the at least one applied liquid plastic is cured, wherein the part-areas include a central area and a creased area of the at least one surface of the membrane, the creased area being situated to surround the central area, the creased area including a plurality of raised areas and depressions, wherein different amounts of liquid plastic and/or different types of liquid plastic are applied to the central area and the creased area of the at least one surface of the membrane such that the central area is applied with a first amount of liquid plastic and/or a first type of liquid plastic and the creased area is applied with a second amount of liquid plastic and/or a second type of liquid plastic.
2. (currently amended) A method as claimed in claim 1, wherein the application of the at least one liquid plastic to the membrane takes place by spraying the at least one liquid plastic onto at least the part-areas of at least one surface of the ~~membrane~~ membrane.
3. (canceled)
4. (currently amended) A method as claimed in claim 1, wherein the curing of the at least one liquid plastic is carried out by means of visible light or by means of UV ~~light~~ light.
5. (original) A method as claimed in claim 1, wherein the at least one liquid plastic is heated following application to the membrane and prior to the curing operation.

6. (currently amended) A method as claimed in claim 1, wherein the membrane and/or a device for applying the at least one liquid plastic is rotated about its central axis ~~moved during the application of the at least one liquid plastic, in particular is rotated about its central axis.~~

7. (currently amended) A method as claimed in claim 1, wherein at least one waiting time or residence time ~~different waiting times or residence times~~ of between one and fifteen seconds is ~~is~~ ~~are~~ selected between the application of the at least one liquid plastic and the curing of the at least one liquid plastic.

8. (original) A method as claimed in claim 7, wherein, in the case of a membrane having a number of raised areas and depressions a waiting time or residence time is selected which is greater than a waiting time or residence time in the case of a membrane having a smooth surface.

9. (currently amended) A method as claimed in claim 1, wherein the ratio between the layer thickness of the at least one applied plastic and the membrane thickness is selected to be between 0.5:1 to 3:1, ~~in particular between approximately 1:1 and 2:1.~~

10. (original) A method as claimed in claim 1, wherein the at least one liquid plastic is applied to the membrane a number of times in succession and wherein the at least one liquid plastic is cured after each application.

11. (canceled)

12. (canceled)

13. (canceled)

14. (canceled)

15. (canceled)

16. (canceled)

17. (canceled)

18. (canceled)

19. (canceled)